

INTER-AMERICAN TROPICAL TUNA COMMISSION  
COMISIÓN INTERAMERICANA DEL ATÚN TROPICAL

**WORKING GROUP TO REVIEW STOCK ASSESSMENTS**

**8<sup>TH</sup> MEETING**

LA JOLLA, CALIFORNIA (USA)  
7-11 MAY 2007

**DOCUMENT SAR-8-05**

**DATA RECEIVED IN ACCORDANCE WITH IATTC RESOLUTION C-03-05**

This report summarizes the direct responses and data provided to the IATTC staff pursuant to [Resolution C-03-05](#) on data provision. It does not report on data obtained by Commission programs or by the staff in the course of their normal duties, such as field station operations, although archived data which may have been obtained via such activities, as well as in response to previous requests pursuant to Resolution C-03-05, are noted. Data for 2005 were due by 30 June 2006.

Resolution C-03-05 indicates that the Director shall establish the technical aspects of the data to be provided in collaboration with scientists of the members. The Director has input from the staff and the annual meeting of the Stock Assessment Review Group, and also from a Meeting on Data and Standards held in association with the Review Group meeting in 2005.

At that Meeting on Data and Standards it was requested that subsequent such meetings be held mid-year, in association with another IATTC meeting, in order that there be time to handle any identified data issues prior to the 30 June deadline for providing data. No items were identified requiring a mid-year meeting.

The letter sent by the Director requesting data for 2006, which incorporated suggestions from various sources, including the above-mentioned meetings, asked for the following basic data for all vessels fishing for species under the purview of the Commission in the eastern Pacific Ocean (EPO): (1) total catch and total effort, (2) catch and effort at various levels of resolution ranging from logbook to aggregated data at 5° longitude by 5° latitude; and (3) length or weight data of individual fish (size-frequency data) at the level of observation (set or operation of the gear) or the best possible area-time resolution for area of capture for all species.

For albacore tuna, Pacific bluefin tuna, and all billfishes, data for the entire Pacific Ocean were requested. The ranges of the stocks of these species extend beyond the management bounds of the Commission, and these additional data are required in order that the staff's stock assessments can cover the entire range of the species.

**1. INFORMATION RECEIVED PURSUANT TO RESOLUTION C-03-05 BY 30 JUNE 2006**

**1.1. Belize**

Logbook data and total catch by species for 2005 were provided. No other historical data are available in IATTC records.

**1.2. Canada**

The following data on albacore tuna were provided: 1) total catch and associated fishing effort by Canadian-flag vessels; 2) aggregated (1° x 1° area by month) catch and effort and size frequency for 2005 for the EPO area; 3) total catch by stock (north and south). Historical data of this nature dating to the first date of available records for this fishery are available in IATTC records.

**1.3. China**

Total catch and aggregated (5° x 5° area by month) catch and fishing effort data for 2005 for longline

were received. Historical data for 2001-2004 are available in IATTC records.

#### **1.4. Chinese Taipei**

Total catch estimates for 2005 and aggregated (5° x 5° area by month) unraised catch and effort data for 2003 updated and 2004 were received. Historical data of this nature for 1964-2002 are available in IATTC records. Longline length frequency data by species for 2003 and preliminary 2004 north and south of 15°N and north and south of 5°S.

#### **1.5. European Union**

Only data for swordfish were provided. These included total catch, aggregated (5° x 5° area by month) catch and effort, and size-frequency data for the Spanish-flag fishery operating in 2005 in the EPO. Historical data of this nature for 1997-2004 are available in IATTC records.

#### **1.6. French Polynesia**

Total catch and aggregated (1° x 1° by month) unraised catch and effort data by species for 2005 were provided. Historical data of this nature for 1992-2004 are available in IATTC records.

#### **1.7. Japan**

Updated data for 2003-2004 were received. Total catch by species and total effort for the EPO were provided. Aggregated (1° x 1° area by month) catch and effort sample data, including detailed information on gear configuration, were provided. Raised aggregated (5° x 5° area by month) catch and effort data, including detailed information on gear configuration, were provided for the EPO. Raised aggregated (5° x 5° area by month) catch and effort data, without gear configuration details, were provided for the Pacific Ocean. Size-frequency data for bigeye, bluefin and yellowfin tunas, and also for swordfish and billfishes, were provided for the area east of 180°. Temporal stratification for size-frequency data was quarter, with area stratifications of either 10° latitude x 20° longitude or 5° latitude x 10° longitude. Data for albacore tuna, sharks and other species were not provided.

Various data on Japanese fisheries are available in IATTC records.

#### **1.8. Korea**

Data for 1987 to 2005 on total catch by species and effort., and aggregated (5° x 5° by month) catch and effort data by the longline fisheries from 2003 to 2005 were received. Historical data for 1987-2002 are available in IATTC records.

#### **1.9. Panama**

Partial unloading data for 2004 and 2005 were received. Partial logbook data for 2004 were provided. Logbook data for longline vessels (estimated coverage of about 10%) for 2000-2003 are available in IATTC records.

#### **1.10. Peru**

Peruvian artisanal total catches by year from 2001 to 2005, and partial 2006. Historical data in IATTC records consist of published information from IMARPE reports, and export data for the 1998-2005 period.

#### **1.11. United States**

Data received for 2004-2005 included size frequency, total landings by species, and aggregated catch and effort data, by gear: aggregation strata were (1) 5° x 5° area by month for longline, and (2) 1° x 1° area by month for other gear. Access to information was restricted in aggregated data to only those strata in which there were three or more vessels operating. Longline data were provided without gear configuration information. Historical data (logbook, landing, detailed longline data at disaggregated levels/with gear configuration and targeting information, and size frequency) covering the longline, pole-

and-line, purse seine, and miscellaneous fisheries are available in IATTC records.

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In addition, the following information is available for those states that did not provide data for 2005:

**1.12. Chile**

Historical data collected by IATTC staff.

**1.13. Colombia**

Historical data collected by IATTC staff.

**1.14. Costa Rica**

Historical data on total catch of selected species for 1991-2004 are available in IATTC records.

**1.15. Ecuador**

Historical export data dating from 1998 have been purchased and are available in IATTC records. The export data are no longer available for purchase. Historical data (logbook, landing and size frequency) are available for purse-seine and pole-and-line fisheries. Recent longline logbook and landing data are available in IATTC records.

**1.16. Guatemala**

Historical data on catches by industrial longline vessels during 1991-2002 are available in IATTC records.

**1.17. Honduras**

Historical data on total catch and logbooks through 2005 from one Honduran-flag vessel are available in IATTC records.

**1.18. Mexico**

Logbooks abstracts for 2005 and partial 2006 were collected by IATTC. Historical data (logbook, landing and size-frequency) covering the Mexican purse-seine and pole-and-line fisheries is available in IATTC records. Historical data (logbook, landing and *ad hoc* size-frequency) covering parts of the longline fisheries from the 1980s are available in IATTC records.

**1.19. Nicaragua**

Historical data covering total catch by the artisanal and industrial fleets during 1997-2005 are available in IATTC records.

**1.20. El Salvador**

Historical data covering longline catch, and selected size-frequency data, for 2000-2002 are available in IATTC records.

**1.21. Vanuatu**

Historical data (logbooks and some landings) for 2000-2004 are available in IATTC records.